

INTEGRATED AV AMPLIFIER

KA-895/995

SERVICE MANUAL

KENWOOD

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B51-5003-00 (K) 2122

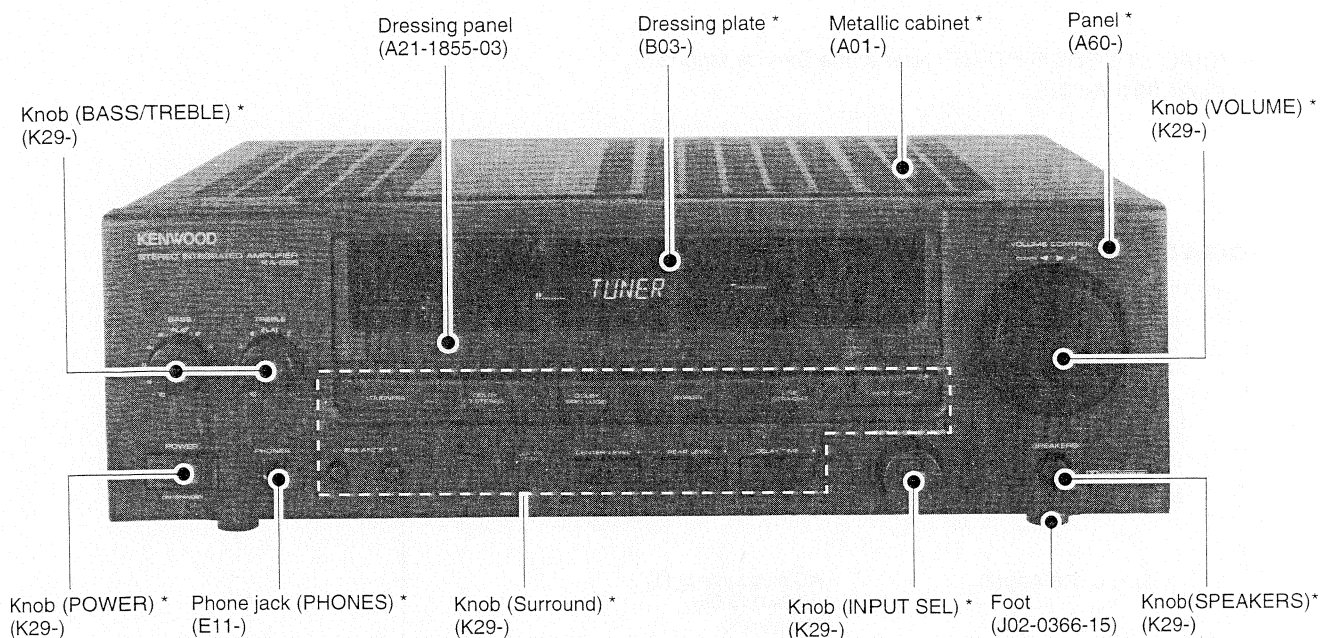


Photo is KA-895.

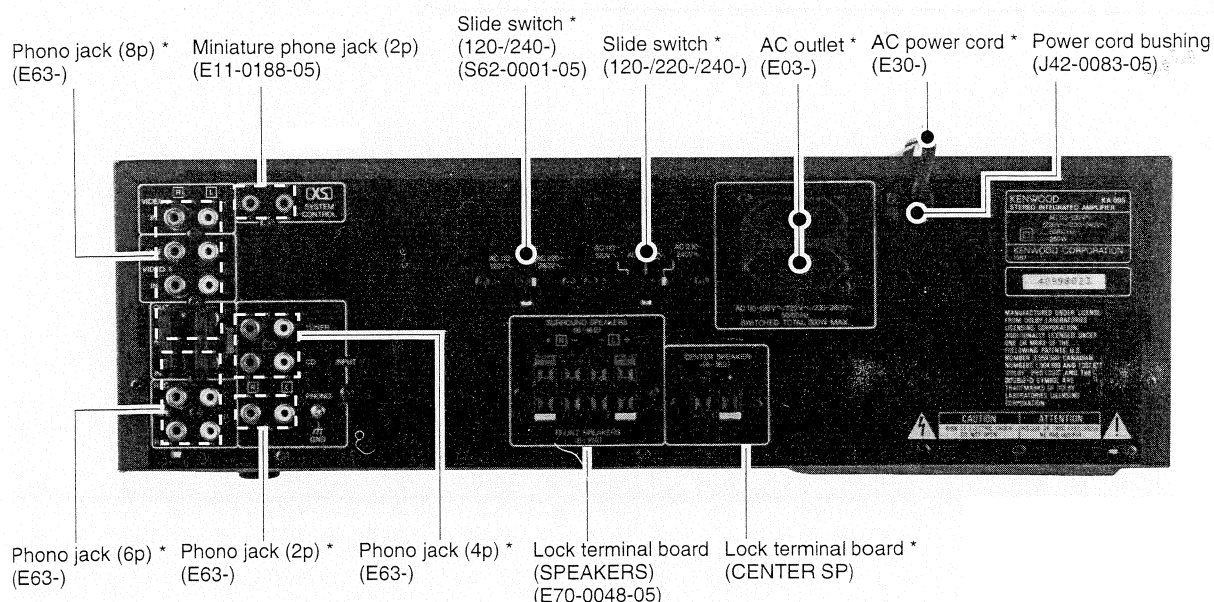


Photo is KA-895.

* Refer to parts list on page 22.

KA-895/995

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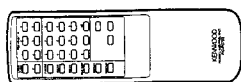
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For "CIRCUIT DESCRIPTION", refer to the Service Manual of KA-894/994/V3700.

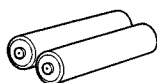
Accessories

Remote control unit (1)
(A70-0974-05: KA-895)

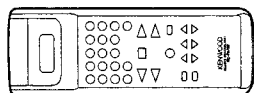


Battery cover: (A09-0170-08)

Batteries (R6/AA) (2)

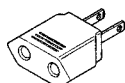


Remote control unit (1)
(A70-0961-05: KA-995 Singapore/Malaysia made)
(A70-1017-05: KA-995 China made)



Battery cover: (A09-0169-08)

AC plug adaptor (1)
(E03-0115-05)
M type only



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EXTERNAL VIEW

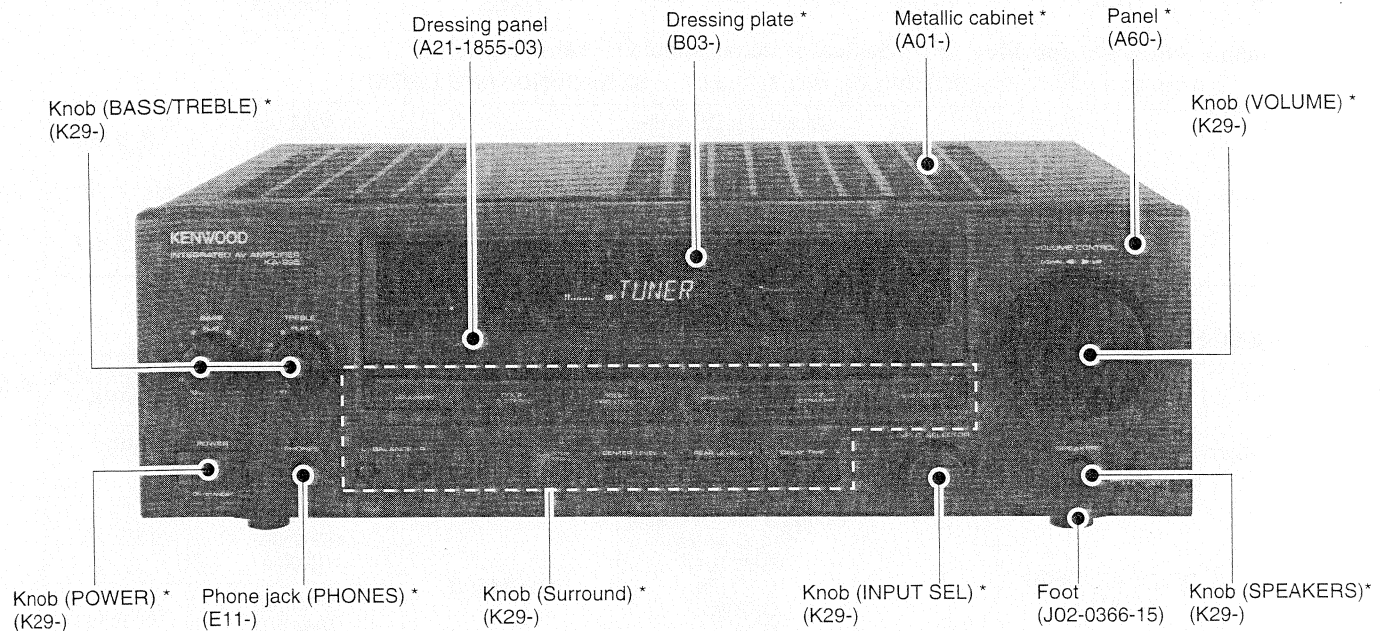


Photo is KA-995.

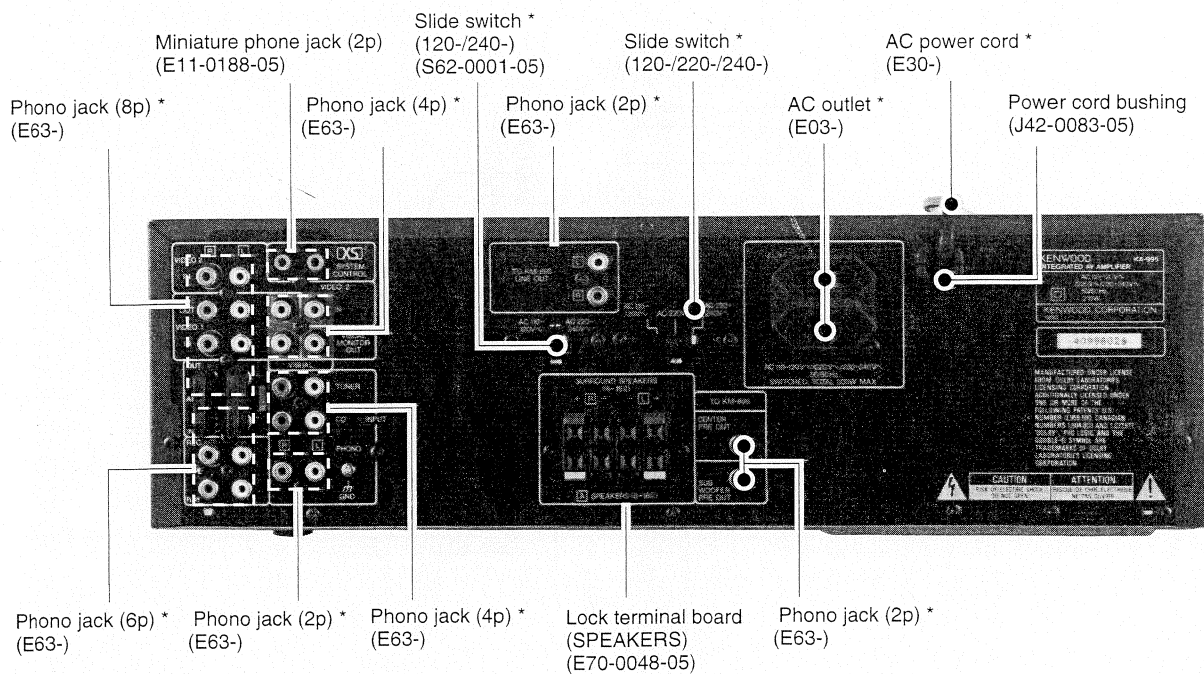


Photo is KA-995.

* Refer to parts list on page 22.

KA-895/995

ADJUSTMENT / AJUSTES

ENGLISH

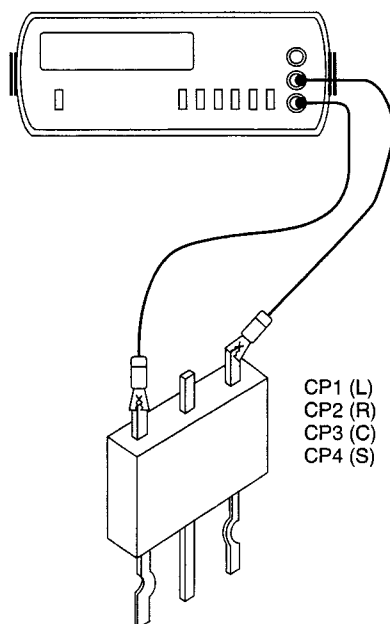
No.	ITEM	INPUT SET- TINGS	OUTPUT SETTINGS	AMPLIFIER SET- TINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specified, the individual switches should be set as following: POWER : ON SELECTOR : CD (NO SIGNAL) SURROUND : PRO LOGIC							
1	IDLE CURRENT	—	Connect a DC volt- meter across CP1 (L) CP2 (R) CP3 (C) CP4 (S) (X09-)	VOLUME: 0	VR1 (L) VR2 (R) (X09-)	13.2 mV	(a)
					VR3 (C) VR4 (S) (X09-)	10 mV ~ 13.2 mV	

ESPAÑOL

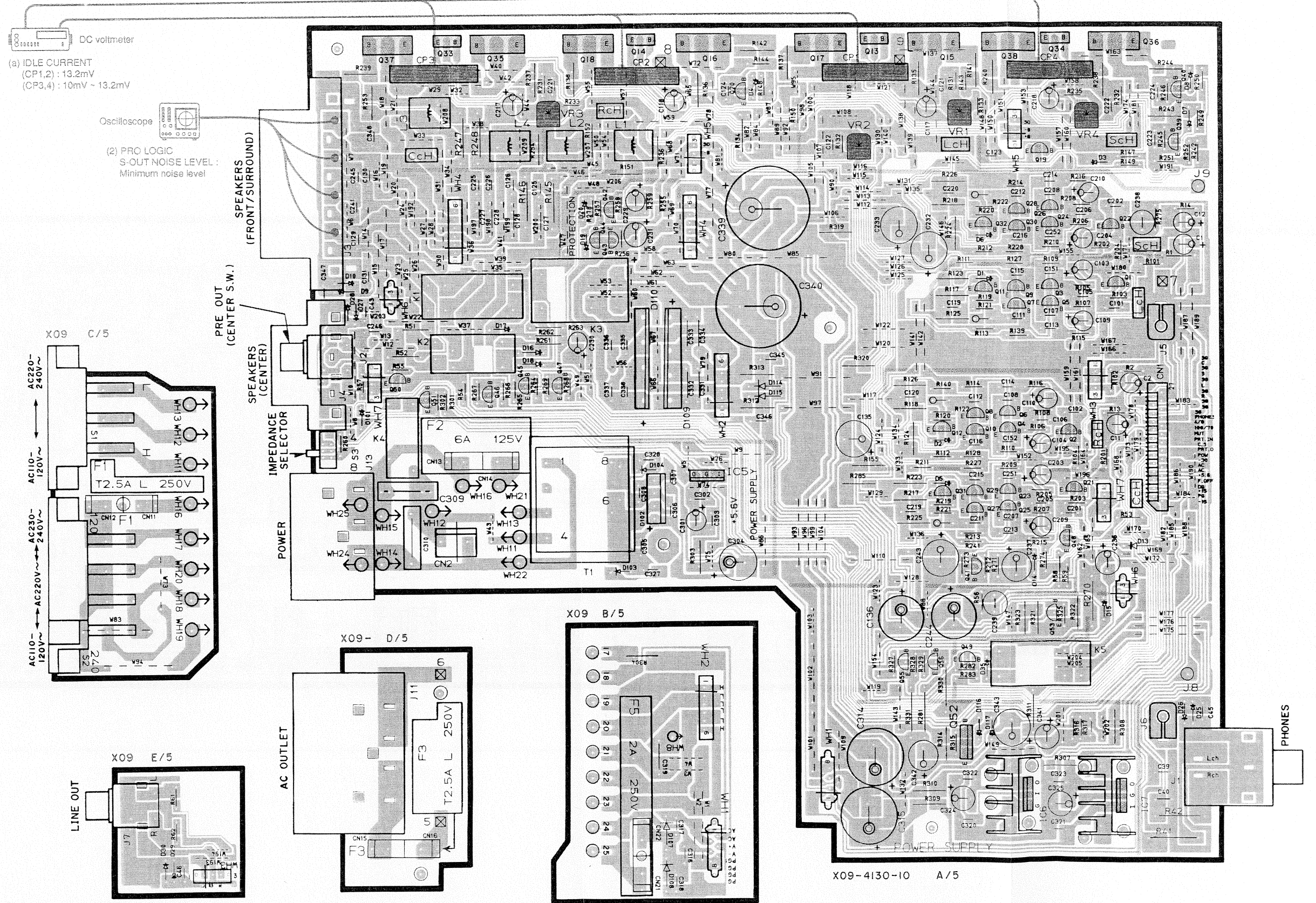
N.º	ÍTEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL AMPLIFICADOR	PUNTOS DE ALIN- EACIÓN	ALINEACIÓN PARA	FIG.
A menos que se especifique otra cosa, los controles individuales deberán ajustarse de la forma siguiente: POWER : ON SELECTOR : CD (NO SIGNAL) SURROUND : PRO LOGIC							
1	OCIOSA CORRI- ENTE	—	Conecte un voltímetro de CC entre CP1 (L) CP2 (R) CP3 (C) CP4 (S) (X09-)	VOLUME: 0	VR1 (L) VR2 (R) (X09-)	13.2 mV	(a)
					VR3 (C) VR4 (S) (X09-)	10 mV ~ 13.2 mV	

(a)

DC Voltmeter



AUDIO UNIT X09-4130-10 (KA-895/K,R,P)
X09-396X-XX (KA-895/0-21:M, 2-91:Y)
X09-4140-10 (KA-995/K,R,P)
X09-397X-XX (KA-995/0-21:M, 2-91:Y, 0-71:X)

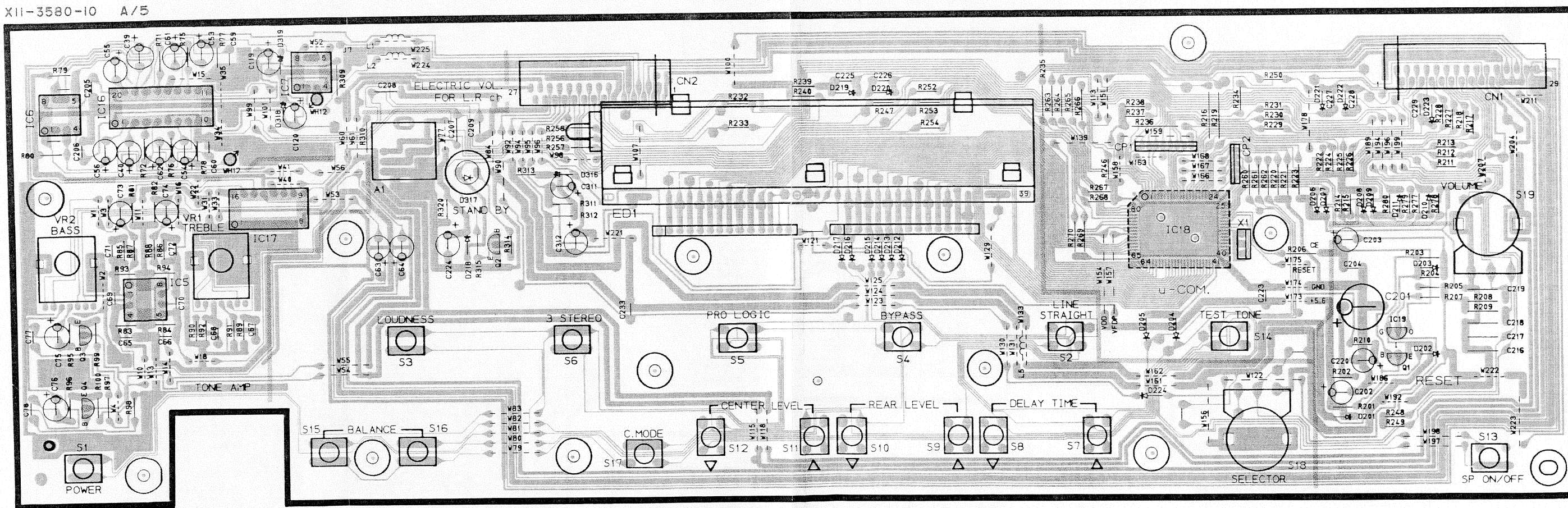


Refer to the schematic diagram for the value of resistors and capacitors.

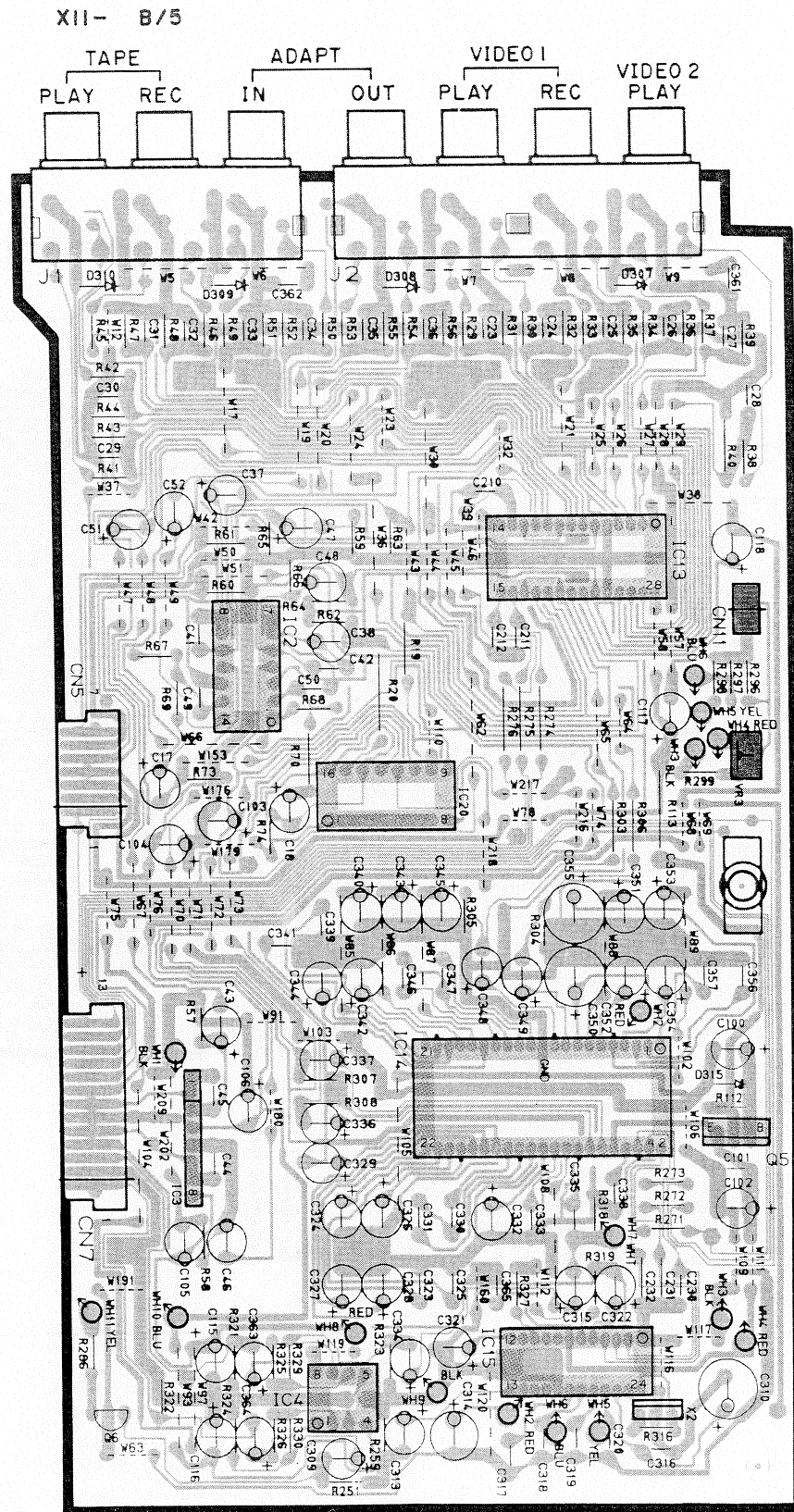
PC BOARD (COMPONENT SIDE VIEW)

CONTROL UNIT X11-3580-11 (KA-895/K,R,P)
 X11-3500-11 (KA-895/M,Y)
 X11-3580-10 (KA-995/K,R,P)
 X11-3500-10 (KA-995/M,Y,X)

X11-3580-10 A/5

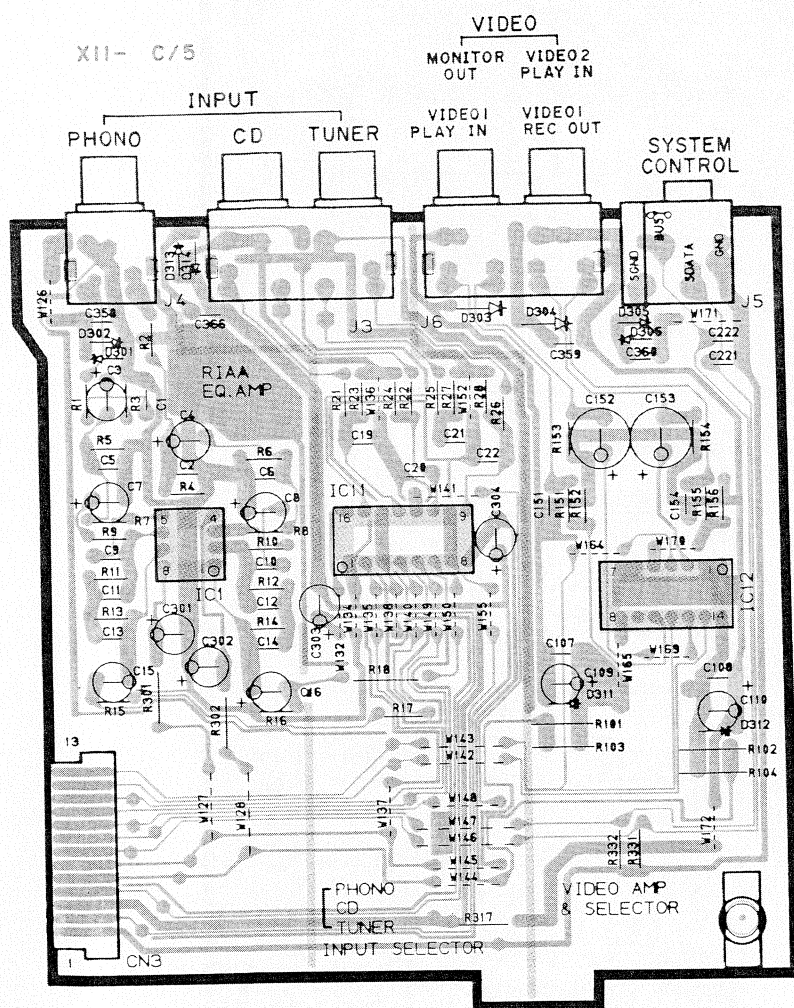


PC BOARD(COMPONENT SIDE VIEW)



Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(COMPONENT SIDE VIEW)



(X11-3500-XX)(A/5): SINGAPORE/MALAYSIA MADE
(X11-3580-XX)(A/5): CHINA MADE

k i n g l e d c b a
o o o o o o o o o o

ANODE CONNECTION

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G
a	a		a	a	a	a	a	a	a	a	a
b	b		b	b	b	b	b	b	b	b	b
c	c		c	c	c	c	c	c	c	c	c
d	d		d	d	d	d	d	d	d	d	d
e	e		e	e	e	e	e	e	e	e	e
f	f		f	f	f	f	f	f	f	f	f
g	g		g	g	g	g	g	g	g	g	g
h	h		h	h	h	h	h	h	h	h	h
i	i		i	i	i	i	i	i	i	i	i
j	j		j	j	j	j	j	j	j	j	j
k	k	LOUDNESS LINE STRAIGHT	k	k	k	k	k	k	k	k	k
m	m	MUTING	m	m	m	m	m	m	m	m	m
n	n	3 STEREO	n	n	n	n	n	n	n	n	n
p	p	SURROUND	p	p	p	p	p	p	p	p	p
r	r	ms	r	r	r	r	r	r	r	r	r
s	s	dB									
t	t										

MODEL NAME	PRODUCT. P.	UNIT NAME	D204, 205
KA-895	SINGAPORE/ MALAYSIA MADE	X11-3500-11	NO
	CHINA MADE	X11-3580-11	
KA-995	SINGAPORE/ MALAYSIA MADE	X11-3500-10	YES
	CHINA MADE	X11-3580-10	

IC5 : NJM4558D
IC6,7 : NJM4580D
IC16 : TC9212P
IC17 : TC9215P
IC18 : CXP82320-162Q
IC19 : S-80740AL

Q1-4 : 2SC1740S(Q,R) or 2SC2785(F,E)

D201-224 : 1SS133 or HSS104

D316 : RD5.6ES(B2) or HZS5.6N(B2)

D317 : B30-2461-05

D318,319 : RD13ES(B2) or HZS13N(B2)

A1 : W02-1174-05/W02-1188-05/
W02-1046-05

ED1 : FIP11SM8R

— SIGNAL LINE
— GND LINE
— +B LINE
— -B LINE

X11-D/5

-CN9

1/3

A

A

A

A

A

A

A

A

A

A

A

A

A

A

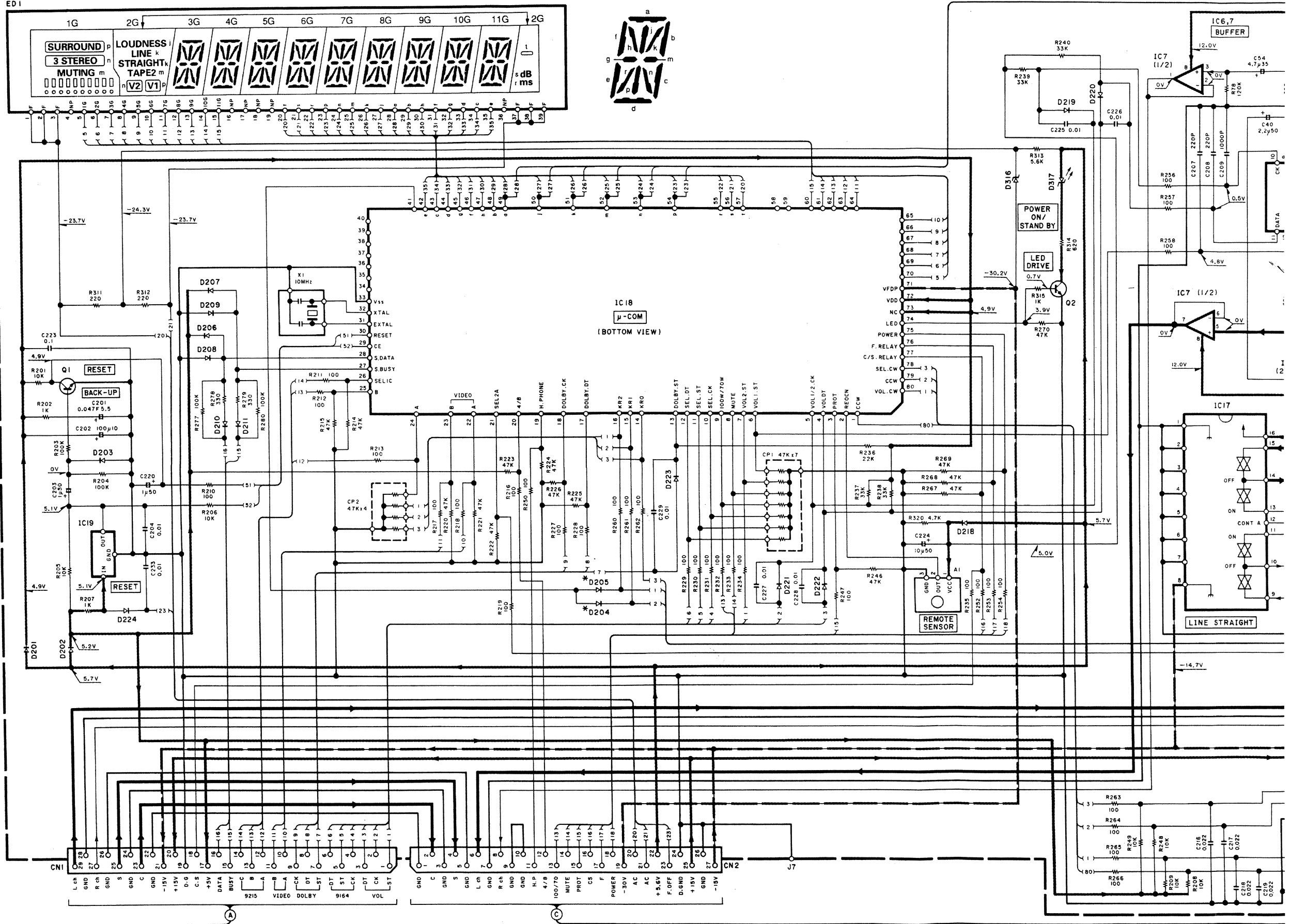
A

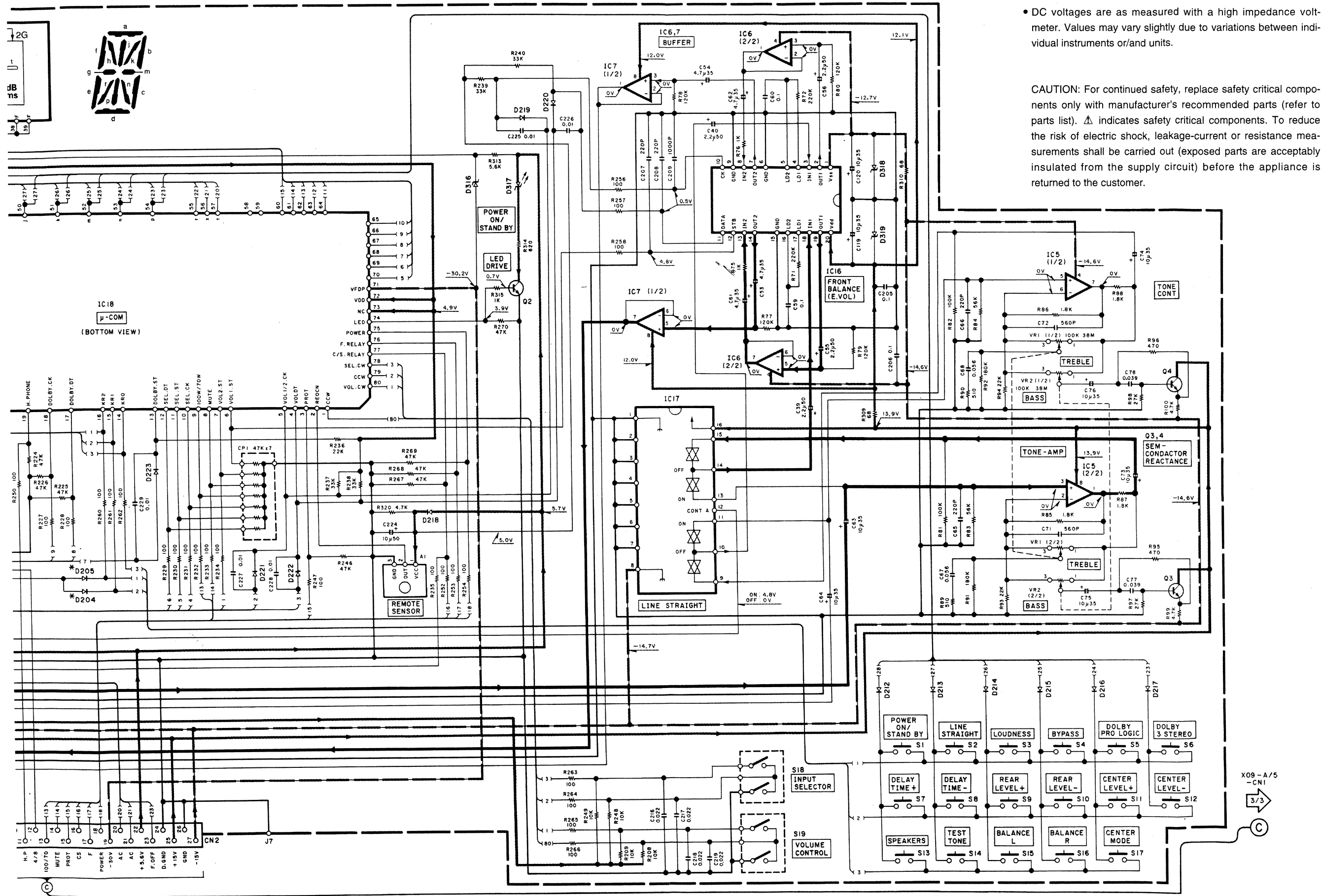
A

A

A

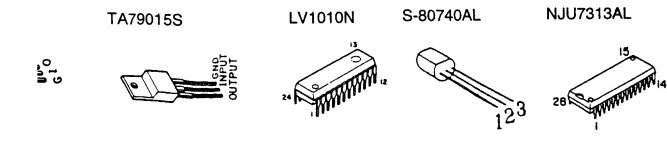
A





• DC voltages are as measured with a high impedance volt-meter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

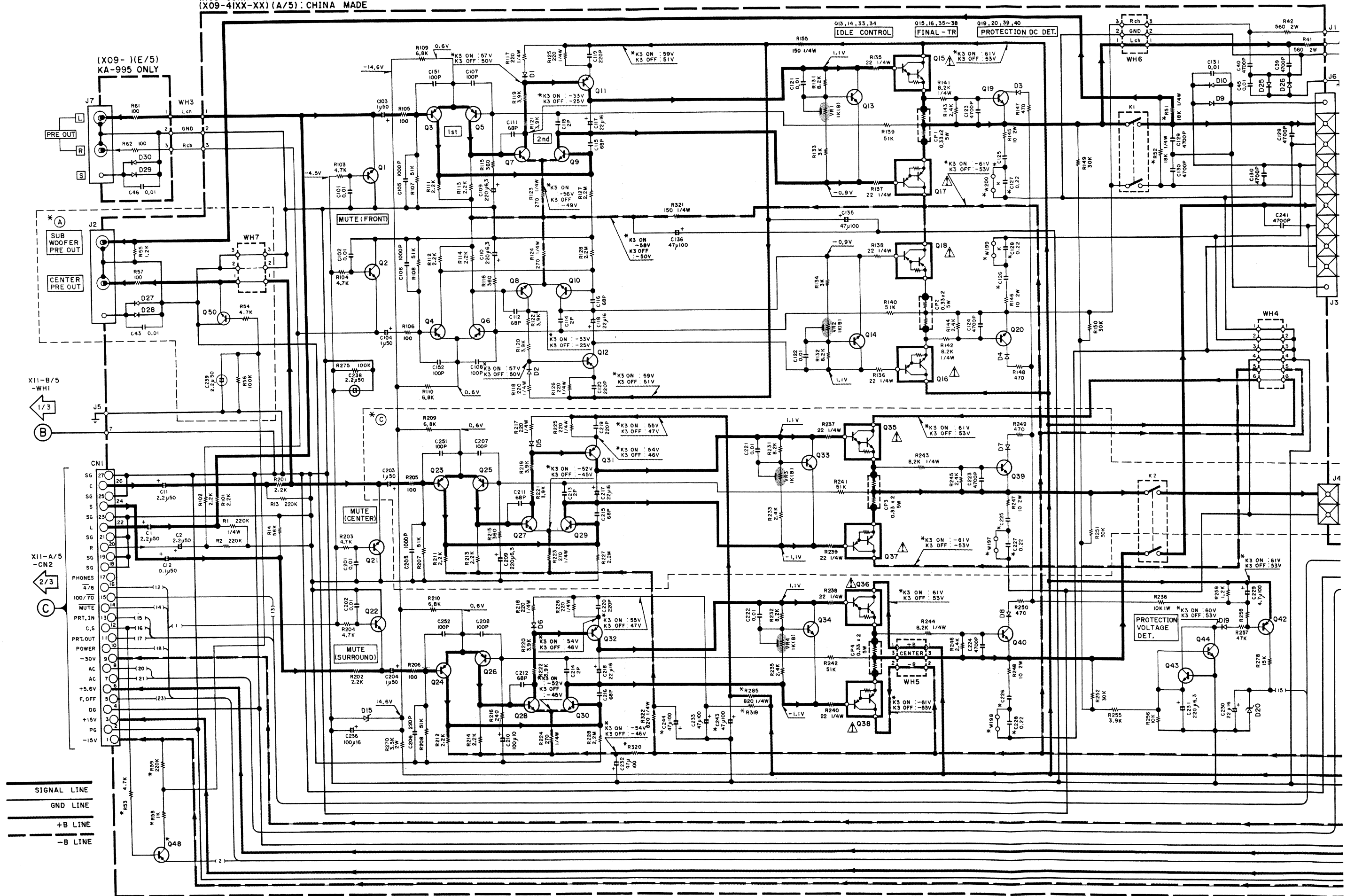


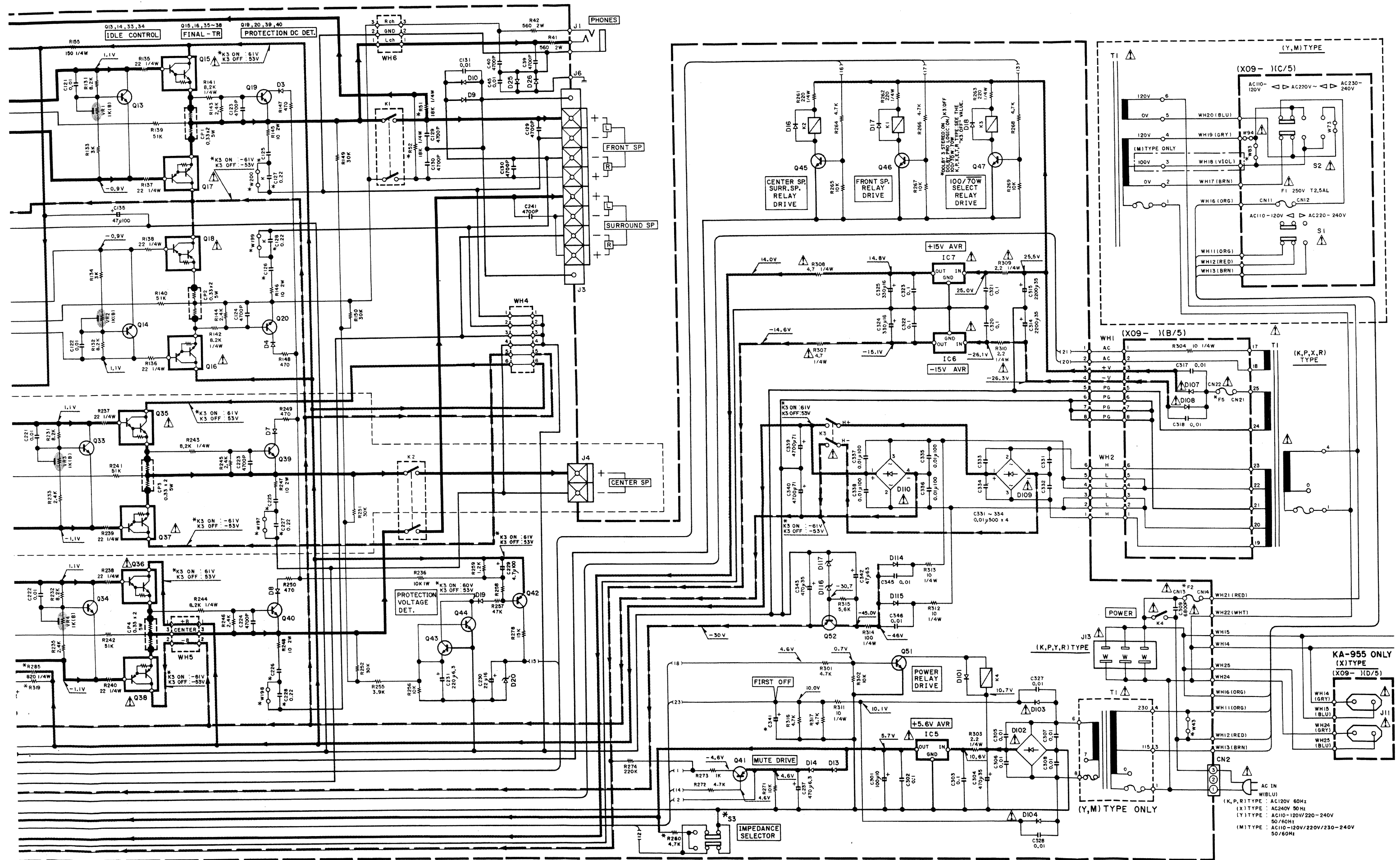
KA-895/995 (2/3)

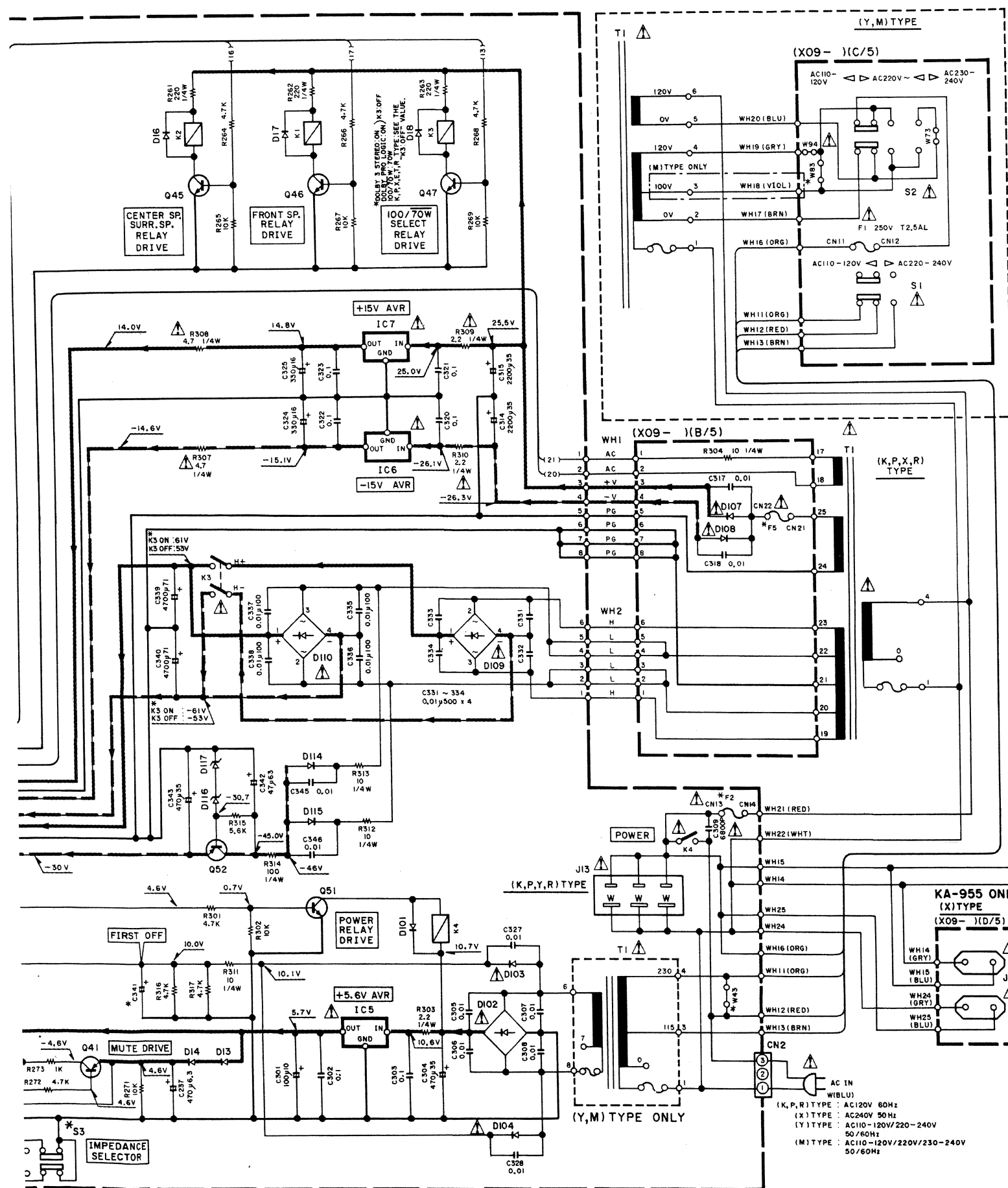
KA-895/995
KENWOOD

Y08-5180-10

(X09-39XX-XX) (A/5) : SINGAPORE/MALAYSIA MADE
(X09-41XX-XX) (A/5) : CHINA MADE







MODEL NAME	PRODUCT P.	DESTINATION COUNTRY	ABB.	UNIT NAME	C125,126, 225,226	C127,128, 227,228	C243,244	C341	R51-53, 58,59	R260	R265, 322	R319, 320
KA-895	SINGAPORE/MALAYSIA MADE	PX	Y	X09-3962-91	0.22	YES						
		GENERAL MARKET	M	X09-3960-21			YES	4.7 μ 50	NO	YES	YES	560 1/4W
		U.S.A.	K									
KA-995	SINGAPORE/MALAYSIA MADE	PX	Y	X09-3972-91	0.22	YES						
		GENERAL MARKET	M	X09-3970-21			NO	4.7 μ 35	YES	NO	NO	820 1/4W
		AUSTRALIA	X	X09-3970-71								
	CHINA MADE	U.S.A.	K		0.1	NO						
		MEXICO	R	X09-4140-10								
		CANADA	P									

MODEL NAME	PRODUCT P.	DESTINATION COUNTRY	ABB.	UNIT NAME	A,F	C	W43	W83	W197-200	F2	F5	Q48
KA-895	SINGAPORE/MALAYSIA MADE	PX	Y	X09-3962-91	NO	YES	NO	YES	NO	250VT2.5AL	250VT2AL	NO
		GENERAL MARKET	M	X09-3960-21	NO	YES	NO	NO	YES	UL125V6A	UL250V2A	
		U.S.A.	K									
KA-995	SINGAPORE/MALAYSIA MADE	PX	Y	X09-3972-91	YES	NO	NO	YES	NO	250VT2.5AL	250VT2AL	YES
		GENERAL MARKET	M	X09-3970-21	YES	NO	NO	NO	NO	250VT2.5AL	250VT2AL	
		AUSTRALIA	X	X09-3970-71	YES	NO	YES	NO				
	CHINA MADE	U.S.A.	K									
		MEXICO	R	X09-4140-10	YES	NO	YES	NO	YES	UL125V5A	UL250V2A	
		CANADA	P									

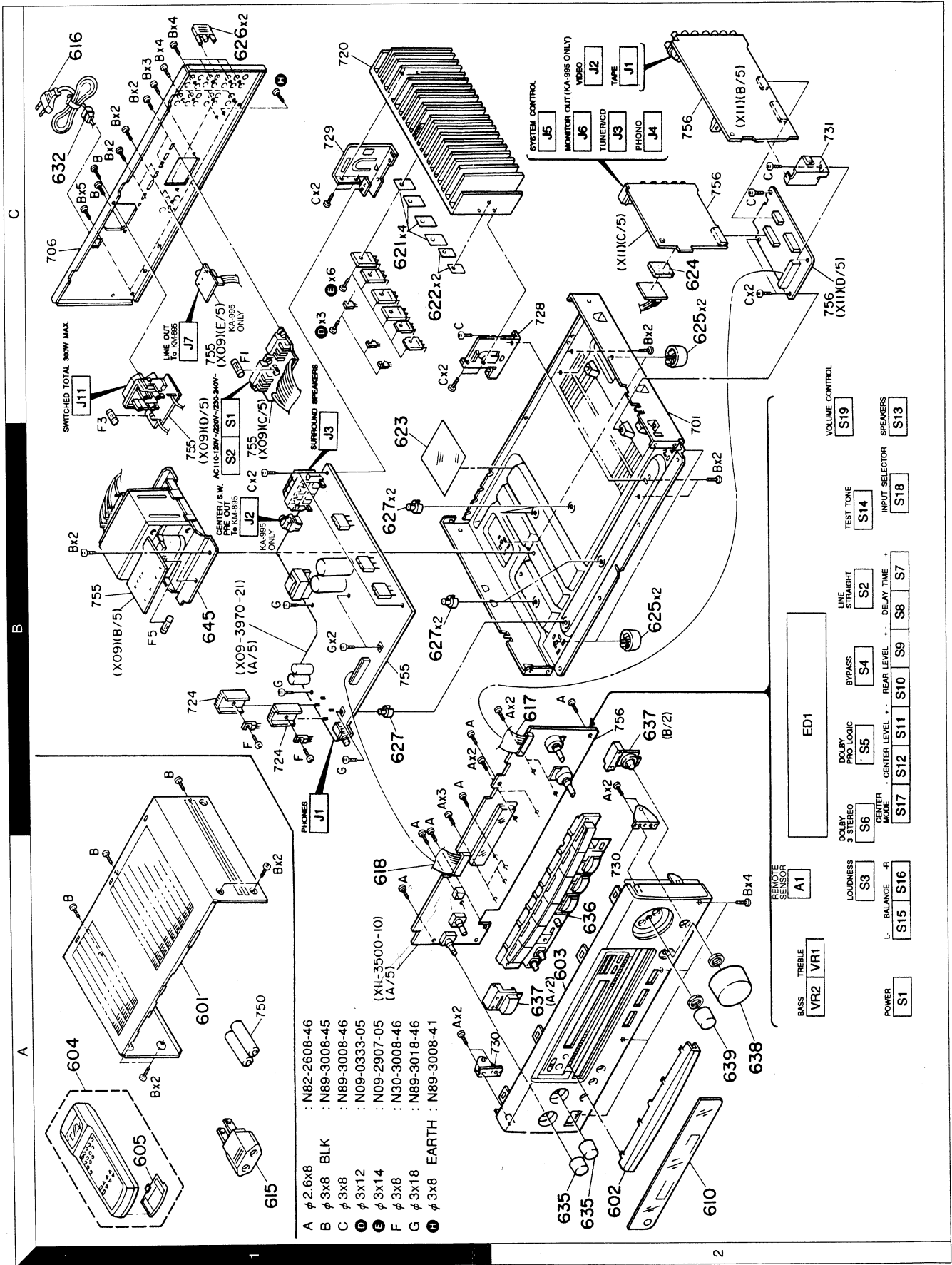
- D1-8,16-19,103,104 : 1SS131 or HSS104A
D9,10,13,14,25-30,101 : 1SS133 or HSS104
D15,116 : RD15ES(B2) or HZS15N(B2)
D20 : RD4.7ES(B2) or HZS4.7N(B2)
D102 : KBP02ML-6127
D107,108,114,115 : S5688B or 1SR139-100
D109,110 : D5SBA20F03 or RBV-602LFA
D117 : RD16ES(B2) or HZS16N(B2)
Q1,2,21,22,50 : 2SC2878(B)
Q3-6,23-26,42 : 2SA992(F,E)
Q7-10 : 2SC2632(R,S)
Q11,12 : 2SA1124(R,S)
Q13,14,33,34 : 2SC4137F19(V,W)
Q15,16 : 2SB1594LB
Q17,18 : 2SD2449LB
Q19,20,27-30,39 : 2SC2631(R,S)
Q31,32 : 2SA1123(R,S)
Q35,36 : 2SD2255BT
Q37,38 : 2SB1493BT
Q40,43,44 : 2SC1845(F,E)
Q41,48 : 2SA933(Q,R) or 2SA1175(F,E)
Q45-47,51 : 2SC2003(L,K)
Q52 : 2SB1370 or 2SB1375
IC5 : TA78057S
IC6 : μ PC7915HF or TA79015S
IC7 : μ PC7815AHF or TA7815S

• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

EXPLODED VIEW(UNIT)

PARTS LIST



Parts with the exploded numbers larger than 700 are not supplied

★ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
-		J61-0307-05	WIRE BAND	(S/W)
635	2A	K29-5838-14	KNOB (BASS/TREBLE)	H
635	2A	K29-6070-04	KNOB (BASS/TREBLE)	H
636	2A	K29-5849-02	KNOB (SURROUND)	H
636	2A	K29-6068-02	KNOB (SURROUND)	H
637	2A, 2B	K29-5850-03	KNOB (POWER/SPEAKERS)	H
637	2A, 2B	K29-6069-03	KNOB (POWER/SPEAKERS)	H
638	2A	K29-6072-04	KNOB (VOLUME CONTROL)	H
639	2A	K29-5846-04	KNOB (INPUT SELECTOR)	H
639	2A	K29-6071-04	KNOB (INPUT SELECTOR)	H
645	1B	L07-0846-05	POWER TRANSFORMER	Y
645	1B	L07-0849-05	POWER TRANSFORMER	M
645	1B	L07-1908-05	POWER TRANSFORMER	KRP
A	1B, 2B	N82-2608-46	BINDING HEAD TAPITITE SCREW	
B	1A, 1C	N89-3008-46	BINDING HEAD TAPITITE SCREW	
C	1C, 2C	N89-3008-46	BINDING HEAD TAPITITE SCREW	
D	1C	N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C	N09-2907-05	TAPITITE WITH WASHER M3X14	
G	1B	N89-3018-46	BINDING HEAD TAPITITE SCREW	
H	1C	N89-3008-41	BINDING HEAD TAPITITE SCREW	
KA-995				
601	1A	A01-3098-11	METALLIC CABINET	(S/W)
601	1A	A01-3200-01	METALLIC CABINET	(S/W)
602	2A	A21-1855-03	DRESSING PANEL	(S/W)
603	2A	A60-0682-01	PANEL	(S/W)
603	2A	A60-0702-01	PANEL	(S/W)
604	1A	A70-0961-05	REMOTE CONTROLLER ASSY	(S/W)
604	1A	A70-1017-05	BATTERY COVER	(S/W)
605	1A	A09-0169-08	BATTERY COVER	(S/W)
610	2A	B03-2932-13	DRESSING PLATE	(S/W)
610	2A	B46-0032-43	WARRANTY CARD	KY
-	-	B46-0096-53	WARRANTY CARD	X
-	-	B46-0121-33	WARRANTY CARD	P
-	-	B58-0513-04	CAUTION CARD (PRESET220-240)	Y
-	-	B58-0964-13	CAUTION CARD (CAUTION UL)	KRY
-	-	B58-0965-13	CAUTION CARD (TX TYPE PL)	X
-	-	B58-0966-13	CAUTION CARD (ELM TYPE PL)	M
-	-	B58-0967-03	CAUTION CARD (P TYPE PL)	P
-	-	B58-0970-13	CAUTION CARD (RG TYPE PL)	R
-	-	B59-1104-00	SERVICE DIRECTORY	Y
-	-	B60-1975-00	INSTRUCTION MANUAL (EN)	P
-	-	B60-1976-00	INSTRUCTION MANUAL (FR)	RM
-	-	B60-1977-00	INSTRUCTION MANUAL (SP)	M
-	-	B60-1978-00	INSTRUCTION MANUAL (C)	
-	-	B60-2088-00	INSTRUCTION MANUAL (FR) R-COM	P
-	-	B60-2089-00	INSTRUCTION MANUAL (FR) R-COM	RM
-	-	B60-2090-00	INSTRUCTION MANUAL (SP) R-COM	RM

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
KA-895				
601	1A	A01-3098-11	METALLIC CABINET	(S/W)
601	1A	A01-3200-01	METALLIC CABINET	(S/W)
602	2A	A21-1855-03	DRESSING PANEL	(S/W)
603	2A	A60-0680-01	PANEL	(S/W)
603	2A	A60-0701-01	PANEL	(S/W)
604	1A	A70-0974-05	REMOTE CONTROLLER ASSY	(S/W)
605	1A	A09-0170-08	BATTERY COVER	(S/W)
610	2A	B03-2932-13	DRESSING PLATE	(S/W)
610	2A	B46-0032-43	WARRANTY CARD	KY
610	2A	B46-0121-33	WARRANTY CARD	P
-	-	B58-0513-04	CAUTION CARD (PRESET220-240)	Y
-	-	B58-0964-13	CAUTION CARD (CAUTION UL)	KRY
-	-	B58-0966-13	CAUTION CARD (ELM TYPE PL)	X
-	-	B58-0967-03	CAUTION CARD (P TYPE PL)	M
-	-	B58-0970-13	CAUTION CARD (RG TYPE PL)	R
-	-	B59-1104-00	SERVICE DIRECTORY	Y
-	-	B60-1971-00	INSTRUCTION MANUAL (EN)	P
-	-	B60-1972-00	INSTRUCTION MANUAL (FR)	RM
-	-	B60-1973-00	INSTRUCTION MANUAL (SP)	M
-	-	B60-1974-00	INSTRUCTION MANUAL (C)	
-	-	B60-2097-00	INSTRUCTION MANUAL (TAIWAN)	
615	1A	E03-0115-05	AC PLUG ADAPTER	M
616	1C	E30-2592-15	AC POWER CORD	MY
616	1C	E30-2605-05	AC POWER CORD	KRP
616	1C	E30-2605-05	AC POWER CORD	Y
617	2B	E35-0767-05	FLAT CABLE 29P X11 CN1-X11 CN9	(S/W)
617	2B	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1	(S/W)
618	1A	E35-1077-05	FLAT CABLE 27P X11 CN2-X09 CN1	(S/W)
621	1C	F20-1284-05	INSULATING BOARD	M
622	1C	F20-1297-05	INSULATING SHEET	MY
623	1B	F20-1393-04	INSULATING SHEET	KRP
624	2C	G10-0173-04	NON-WOVEN FABRIC	S
-	-	H50-1377-04	ITEM CARTON CASE	S
-	-	H50-1418-04	ITEM CARTON CASE	S
-	-	H50-1419-04	ITEM CARTON CASE	S
-	-	H50-1420-04	ITEM CARTON CASE	S
-	-	H50-1421-04	ITEM CARTON CASE	S
-	-	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	W
-	-	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	W
-	-	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	W
-	-	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	W
-	-	H10-5950-02	POLYSTYRENE FOAMED FIXTURE (L)	H
-	-	H10-5951-02	POLYSTYRENE FOAMED FIXTURE (R)	H
-	-	H25-0232-04	PROTECTION BAG	
-	-	H25-1516-04	PROTECTION BAG	

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Destination 仕向備考	Remarks 備考

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cht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向	Re- marks 備考
R307.308		RD14NB2E6BJ	4.7		
R307.309		RD14NB2E6BJ	2.2		
R307.310		RD14NB2E6BJ	10		
R307.311		RD14NB2E10J	100		
R307.312		RD14NB2E10J	560		
R307.313		RD14NB2E56J			
R307.314					
R307.315					
R307.316					
R307.317					
R307.318					
R307.319					
R307.320					

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3

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
616	1C	E30-2592-15	AC POWER CORD	M
616	1C	E30-2605-05	AC POWER CORD	Y
616	1C	E30-2717-05	AC POWER CORD	KRP
617	2B	E30-2787-05	FLAT CABLE 29P X11 CN1-X11 CN9	(S/W)
617	2B	E35-0766-05	FLAT CABLE 29P X11 CN1-X11 CN9	(S/W)
617	2B	E35-1076-05	FLAT CABLE 27P X11 CN2-X09 CN1	H
618	1A	E35-1077-05	FLAT CABLE 27P X11 CN2-X09 CN1	H
618	1A	E35-1077-05	FLAT CABLE 27P X11 CN2-X09 CN1	H
J11	1C	E03-0141-05	AC OUTLET	X
621	1C	F20-1284-05	INSULATING BOARD	MX
622	1C	F20-1297-05	INSULATING SHEET	MY
623	1B	F20-1395-04	INSULATING SHEET	KRP
624	2C	G10-0173-04	NON-WOVEN FABRIC	M
-	-	H50-1379-04	ITEM CARTON CASE	YX
-	-	H50-1425-04	ITEM CARTON CASE	YX
-	-	H50-1427-04	ITEM CARTON CASE	YX
-	-	H50-1428-04	ITEM CARTON CASE	YX
-	-	H50-1429-04	ITEM CARTON CASE	YX
-	-	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	H
-	-	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	H
-	-	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	H
-	-	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	H
-	-	H10-5950-02	POLYSTYRENE FOAMED FIXTURE (L)	H
-	-	H10-5951-02	POLYSTYRENE FOAMED FIXTURE (R)	H
-	-	H13-0147-04	CARTON BOARD	X
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H25-1516-04	PROTECTION BAG	
625	2B, 2C	J02-0366-15	FOOT	
625	1C	J12-0091-15	PIN	
625	1B	J19-3657-14	UNIT HOLDER	
632	1C	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
635	2A	K29-5838-14	KN0B (BASS/TREBLE)	(S/W)
635	2A	K29-6070-04	KN0B (BASS/TREBLE)	(S/W)
636	2A	K29-5849-02	KN0B (SURROUND)	(S/W)
636	2A	K29-6068-02	KN0B (POWER/SPEAKERS)	(S/W)
637	2A, 2B	K29-5850-03	KN0B (POWER/SPEAKERS)	(S/W)
637	2A, 2B	K29-6069-03	KN0B (POWER/SPEAKERS)	(S/W)
638	2A	K29-5851-04	KN0B (VOLUME CONTROL)	(S/W)
638	2A	K29-5852-04	KN0B (VOLUME CONTROL)	(S/W)
639	2A	K29-5853-04	KN0B (INPUT SELECTOR)	(S/W)
645	1B	L07-0873-05	POWER TRANSFORMER	M
645	1B	L07-0874-05	POWER TRANSFORMER	X
645	1B	L07-0875-05	POWER TRANSFORMER	Y
645	1B	L07-1912-05	POWER TRANSFORMER	KRP
A	1B, 2B	N82-2608-46	BINDING HEAD TAPITITE SCREW	
B	1A, 1C	N89-3008-45	BINDING HEAD TAPITITE SCREW	
C	1A, 1C	N89-3008-46	BINDING HEAD TAPITITE SCREW	
D	1C	N09-0333-05	HEXAOGN HD TAPITITE SCREW X3X12	
E	1C	N09-2907-05	TAPITITE WITH WASHER X3X14	
G	1B	N89-3018-46	BINDING HEAD TAPITITE SCREW	
H	1C	N89-3008-41	BINDING HEAD TAPITITE SCREW	

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C309		C91-1488-05	MF 6800PF 250VAC	
C314, 315		CE04LW1V222M	ELECTR0 2200UF 35WV	
C317, 318		CK45FF1H103Z	CERAMIC 0.010UF Z	
C320-323		C992FM1H104J	MYLAR 0.100UF J	
C324, 325		CE04LW1C331M	ELECTR0 330UF 16WV	
C327, 328		CK45FF1H103Z	CERAMIC 0.010UF Z	
C331-334		CK45FE2H103P	CERAMIC 0.010UF P	
C335-338		C993HP2A103J	MYLAR 0.010UF J	
C339, 340		C90-3579-05	ELECTR0 4700UF 50WV	
C341		CE04LW1H4R7M	ELECTR0 4.70UF	
C342		CE04LW1A470M	ELECTR0 47UF 63WV	
C343		CE04LW1V471M	ELECTR0 470UF 35WV	
C345, 346		CK45FF1H103Z	CERAMIC 0.010UF Z	
J1		E11-0127-05	PHONE JACK (PHONES)	(S/W)
J1		E11-0272-05	PHONE JACK (PHONES)	(S/W)
J3		E70-0048-05	LOCK TERMINAL BOARD (SPEAKERS)	
J4		E20-0236-05	LOCK TERMINAL BOARD (CENT SP)	
J4		E70-0054-05	LOCK TERMINAL BOARD (CENT SP)	
J13		E03-0149-05	AC 0UTLET	M
J13		E03-0148-05	AC 0UTLET	KRPY
F1, 2		F05-2525-05	FUSE (SEM0K) (250V T2.5AL)	MY
F2		F05-6029-05	FUSE (UL) (125V 6A)	KRP
F3		F05-3121-05	FUSE (SEM0K) (250V T3.15AL)	M
F5		F04-2025-05	FUSE (UL) (250V 2A)	KRP
F5		F06-2021-05	FUSE (SEM0K) (250V T2AL)	MY
CN11, 12		J13-0075-05	FUSE CLIP	MY
CN13, 14		J13-0075-05	FUSE CLIP	M
CN15, 16		J13-0075-05	FUSE CLIP	
CN21, 22		J11-0096-05	WIRE CLAMPER	
J8, 9		L07-0864-05	POWER TRANSFORMER	KRP
T1		L07-0865-05	POWER TRANSFORMER	MY
F	1B	N30-3008-46	PAN HEAD MACHINE SCREW	
CPI -4		R90-0888-05	MULTIPLE RESISTOR 0.33X2 5W	
R41, 42		RS14KB3D561J	FL-PROOF RS 560 J 2W	
R117, 118		RD14NB2E221J	RD 220 J 1/4W	
R123, 124		RD14NB2E271J	RD 270 J 1/4W	
R125, 126		RD14NB2E221J	RD 220 J 1/4W	
R135-138		RD14NB2E220J	RD 220 J 1/4W	
R141, 142		RD14NB2E222J	RD 220 J 1/4W	
R145, 146		RS14KB3D100J	FL-PROOF RS 10 J 2W	
R155		RD14NB2E151J	RD 150 J 1/4W	
R217, 218		RD14NB2E221J	RD 220 J 1/4W	
R223, 224		RD14NB2E221J	RD 220 J 1/4W	
R225, 226		RD14NB2E221J	RD 220 J 1/4W	
R236		RS14KB3D100J	FL-PROOF RS 10 J 2W	
R236, 240		RS14KB3D100J	FL-PROOF RS 10 J 2W	
R243, 244		RD14NB2E222J	RD 220 J 1/4W	
R247, 248		RS14KB3D100J	FL-PROOF RS 10 J 2W	
R270		RD14NB2E221J	RD 220 J 1/4W	
R285		RD14NB2E221J	RD 220 J 1/4W	
R303		RD14NB2E221J	RD 220 J 1/4W	
R304		RD14NB2E100J	RD 10 J 1/4W	

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C1, 2		KA-895 AUDIO UNIT (X09-4130-10:CHINA MADE/X09-396X-XX :SINGAPORE/MALAYSIA MADE)		
C11		CE04LW1H282M	ELECTR0 2.2UF 50WV	
C12		CE04LW1H282M	ELECTR0 2.2UF 50WV	
C39		CK45FF1H103Z	CERAMIC 0.010UF Z	
C45		CK45FF1H103Z	CERAMIC 0.010UF Z	
C101, 102		CK45FF1H103Z	CERAMIC 0.010UF Z	
C103, 104		CE04LW1H101M	ELECTR0 1.0UF 50WV	
C105, 106		C992FM1H102J	MYLAR 1000PF J	
C107, 108		CK45FSL1H101J	CERAMIC 100PF J	
C109, 110		CE04LW0J221M	ELECTR0 220UF 6.3WV	
C111, 112		CC45FSL1H680J	CERAMIC 68PF J	
C113, 114		CC45FSL1H020C	CERAMIC 2.0PF C	
C115, 116		CC45FSL1H680J	CERAMIC 68PF J	
C117, 118		CE04LW1C220M	ELECTR0 22UF 16WV	
C119, 120		CC45FSL1H221J	CERAMIC 220PF J	
C121, 122		CK45FF1H103Z	CERAMIC 0.010UF Z	
C123, 124		CK45FF1H472Z	CERAMIC 4700PF Z	MY
C125, 128		C992FM1H224J	MY-C 0.10UF J	KRP
C125, 126		C992FM1H104J	MY-C 0.10UF J	
C129, 130		CK45FF1H472Z	CERAMIC 4700PF Z	
C131		CK45FF1H103Z	CERAMIC 0.010UF Z	
C132, 136		CE04LW2A470M	ELECTR0 47UF 100WV	
C131, 152		CC45FSL1H101J	CERAMIC 100PF J	
C201, 202		CK45FF1H103Z	CERAMIC 0.010UF Z	
C203, 204		CE04LW1H101M	ELECTR0 1.0UF 50WV	
C205		C992FM1H102J	MYLAR 1000PF J	
C206		CC45FSL1H221J	CERAMIC 220PF J	
C207, 208		CC45FSL1H101J	CERAMIC 100PF J	
C209		CE04LW0J221M	ELECTR0 220UF 6.3WV	
C210		CE04LW1A101M	ELECTR0 100UF 10WV	
C211, 212		CC45FSL1H680J	CERAMIC 68PF J	
C213, 214		CC45FSL1H020C	CERAMIC 2.0PF C	
C215, 216		CC45FSL1H680J	CERAMIC 68PF J	
C217, 218		CE04LW1C220M	ELECTR0 22UF 16WV	
C219, 220		CC45FSL1H221J	CERAMIC 220PF J	
C221, 222		CK45FF1H103Z	CERAMIC 0.010UF Z	
C223, 224		CF92FM1H224J	MF-C 0.22UF J	
C225, 228		C992FM1H104J	MYLAR 0.10UF J	MY
C225, 226		CE04LW2A4R7M	ELECTR0 4.7UF 100WV	KRP
C229		CE04LW1C220M	ELECTR0 22UF 16WV	
C230		CE04LW0J221M	ELECTR0 220UF 6.3WV	
C231		CE04LW2A470M	ELECTR0 47UF 100WV	
C232, 233		CE04LW1C101M	ELECTR0 100UF 16WV	
C236		CE04LW0J471M	ELECTR0 470UF 6.3WV	
C237		CE04LW1A101M	ELECTR0 100UF 10WV	
C238		CE04H1H282M	NP-ELEC 2.2UF 50WV	
C243, 244		CK45FF1H472Z	CERAMIC 4700PF Z	
C243, 244		CE04LW2A470M	ELECTR0 47UF 100WV	
C251, 252		CC45FSL1H101J	CERAMIC 100PF J	
C301		CE04LW1A101M	ELECTR0 100UF 10WV	
C302, 303		C992FM1H104J	MYLAR 0.10UF J	
C304		CE04LW1V471M	ELECTR0 470UF 35WV	
C305-308		CK45FF1H103Z	CERAMIC 0.010UF Z	

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KA-895/995

PARTS LIST

KA-895/995

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R307, 308			RD14NB2E4R7J	RD 4.7 J 1/4W	
R309, 310			RD14NB2E2R2J	RD 2.2 J 1/4W	
R312, 313			RD14NB2E100J	RD 10 J 1/4W	
R314			RD14NB2E101J	RD 100 J 1/4W	
R319, 320			RD14NB2E561J	RD 560 J 1/4W	
R321			RD14NB2E151J	RD 150 J 1/4W	
R322			RD14NB2E821J	RD 820 J 1/4W	
VR1 -4			R12-1616-05	TRIMMING POT.(1K)	
K1			SS1-2078-05	MAGNETIC RELAY	
K1			SS1-2092-05	MAGNETIC RELAY	
K2			S76-0005-05	MAGNETIC RELAY	
K3			S76-0016-05	MAGNETIC RELAY	
K3			S76-0017-05	MAGNETIC RELAY	
K4			S76-0002-05	MAGNETIC RELAY (POWER)	MY
S1			S62-0001-05	SLIDE SWITCH (120-/240-)	M
S2			S31-2322-05	SLIDE SWITCH (120-/220-/240-)	Y
S2			S62-0001-05	SLIDE SWITCH (120-/220-/240-)	
D1 -8			HSS104A	DIODE	
D1 -8			ISS131	DIODE	
D9, 10			HSS104	DIODE	
D9, 10			ISS133	DIODE	
D13, 14			HSS104	DIODE	
D13, 14			ISS133	DIODE	
D15			HZS15N(B2)	ZENER DIODE	
D15			RD15ES(B2)	ZENER DIODE	
D16 -19			HSS104A	DIODE	
D16 -19			ISS131	DIODE	
D20			HZS4, 7N(B)	ZENER DIODE	
D20			RD4, 7ES(B)	ZENER DIODE	
D25, 26			HSS104	DIODE	
D25, 26			ISS133	DIODE	
D101			HSS104	DIODE	
D101			ISS133	DIODE	
D102			KBP02ML-6127	DIODE	
D103, 104			HSS104A	DIODE	
D103, 104			ISS131	DIODE	
D107, 108			SS5688B	DIODE	
D107, 108			1SR139-100	DIODE	
D109, 110			DSS8A20F03	DIODE	
D109, 110			RBV-602LFA	DIODE	
D114, 115			SS5688B	DIODE	
D114, 115			1SR139-100	DIODE	
D116			HZS15N(B2)	ZENER DIODE	
D116			RD15ES(B2)	ZENER DIODE	
D117			HZS16N(B2)	ZENER DIODE	
D117			RD16ES(B2)	ZENER DIODE	
IC5			1A7805VS	IC(VOLTAGE REGULATOR/+5.75V)	
IC6			T478015S	IC(VOLTAGE REGULATOR/-15V)	
IC6			UPC7915HF	IC(VOLTAGE REGULATOR/-15V)	
IC7			T47815S	IC(VOLTAGE REGULATOR/+15V)	
IC7			UPC7815AHF	IC(VOLTAGE REGULATOR/+15V)	
Q1, 2			2SC2878(B)	TRANSISTOR	
Q3 -6			2SA992(F, E)	TRANSISTOR	
Q7 -10			2SC2632(R, S)	TRANSISTOR	

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D15		RD15ES(B2)	ZENER DIODE	
D16 -19		HSS104A	DIODE	
D16 -19		LS131	DIODE	
D20		HZ54.7N(B2)	ZENER DIODE	
		RD4.7ES(B2)	ZENER DIODE	
D25 -30		HSS104	DIODE	
D25 -30		HSS133	DIODE	
D101		HSS133	DIODE	
D101		HSS133	DIODE	
D102		K8P02ML-6127	DIODE	
D103-104		HSS104A	DIODE	
D103-104		LS131	DIODE	
D107-108		S5468B	DIODE	
D107-108		LSR139-100	DIODE	
D109-110		D5SBA20F03	DIODE	
D109-110		RBV-602LFA	DIODE	
D114-115		S5468B	DIODE	
D114-115		LSR139-100	DIODE	
D116		HZS15N(B2)	ZENER DIODE	
D116		RD15ES(B2)	ZENER DIODE	
D117		HZS16K(B2)	ZENER DIODE	
D117		TA7857Z	IC(VOLTAGE REGULATOR(+5.75V)	
IC6		TA7901SS	IC(VOLTAGE REGULATOR(-15V)	
IC6		UPC7915HF	IC(VOLTAGE REGULATOR(-15V)	
IC7		TA7815S	IC(VOLTAGE REGULATOR(+15V)	
IC7		UPC7815AHF	IC(VOLTAGE REGULATOR(+15V)	
Q1 -2		25C2878(B)	TRANSISTOR	
Q3 -6		25A992(F,E)	TRANSISTOR	
Q7 -10		25C2632(R,S)	TRANSISTOR	
Q11 -12		25A1124(R,S)	TRANSISTOR	
Q13 -14		25C4137F19(V,W)	TRANSISTOR	
Q15 -16		25B1594LB	TRANSISTOR	
Q17 -18		25D2449LB	TRANSISTOR	
Q19 -20		25C2631(R,S)	TRANSISTOR	
Q21 -22		25C2878(B)	TRANSISTOR	
Q24		25A992(F,E)	TRANSISTOR	
Q26		25A992(F,E)	TRANSISTOR	
Q28		25C2631(R,S)	TRANSISTOR	
Q30		25C2631(R,S)	TRANSISTOR	
Q32		25A1123(R,S)	TRANSISTOR	
Q34		25C4137F19(V,W)	TRANSISTOR	
Q36		25D2255BT	TRANSISTOR	
Q38		25B1493BT	TRANSISTOR	
Q40		25C1845(F,E)	TRANSISTOR	
Q41		25A1175(F,E)	TRANSISTOR	
Q41		25A933S(Q,R)	TRANSISTOR	
Q42		25A992(F,E)	TRANSISTOR	
Q43 -44		25C1845(F,E)	TRANSISTOR	
Q45 -47		25C2003(L,K)	TRANSISTOR	
Q48		25A1175(F,E)	TRANSISTOR	
Q48		25A933S(Q,R)	TRANSISTOR	
Q50		25C2878(B)	TRANSISTOR	
Q51		25C2003(L,K)	TRANSISTOR	
Q52		25B1370	TRANSISTOR	

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C216-219		C91-0085-05	CERAMIC	
C216-219		C90-3253-05	ELECTR0	N 50WV
C221-222		CC45FSL1H221J	CERAMIC	J
C223		CF92FV1H104J	MF-C	0.10UF J
C224		C90-3258-05	ELECTR0	10UF 50WV
C225-229		CK45FF1H103Z	CERAMIC	0.010UF Z
C230		CC45FSL1H221J	CERAMIC	220PF K
C231-232		C91-0749-05	CERAMIC	220PF K
C233		CK45FF1H103Z	CERAMIC	0.010UF Z
C301-304		CE04LW1E470M	ELECTR0	47UF 25WV
C309		CE04LW1H2R2M	ELECTR0	2.2UF 50WV
C310		CE04LW1C221M	ELECTR0	220UF 16WV
C313		CE04LW1H010M	ELECTR0	1.0UF 50WV
C314		CE04LW1C221M	ELECTR0	220UF 16WV
C315		CE04LW1H010M	ELECTR0	1.0UF 50WV
C316		CF92FV1H104J	MF-C	0.10UF J
C317		CF92FV1H104J	MF-C	0.10UF J
C318		CF92FV1H104J	MYLAR	0.033UF J
C319		CF92FV1H104J	MYLAR	1500PF J
C320		CG92FM1H333J	MYLAR	0.033UF J
C321		CE04LW1V100M	ELECTR0	10UF 35WV
C322		CE04LW1H2R2M	ELECTR0	2.2UF 50WV
C323		CF92FV1H154J	MF-C	0.15UF J
C324		CE04LW1H3R3M	ELECTR0	3.3UF 50WV
C325		CF92FV1H154J	MF-C	0.15UF J
C326		CE04LW1V4R7M	ELECTR0	4.7UF 35WV
C327		CE04LW1HR47M	ELECTR0	0.47UF 50WV
C328		CE04LW1V4R7M	ELECTR0	4.7UF 35WV
C329		CE04LW1HR47M	ELECTR0	0.47UF 50WV
C330-331		CF92FV1H104J	MF-C	0.10UF J
C332		CE04LW1E470M	ELECTR0	47UF 25WV
C333		CF92FV1H474J	MF-C	0.47UF J
C334		CE04LW1V100M	ELECTR0	10UF 35WV
C335		CF92FV1H394J	MF-C	0.39UF J
C336-337		CE04LW1V100M	ELECTR0	10UF 35WV
C338		CK45FB1H681K	CERAMIC	680PF K
C339		CF92FV1H154J	MF-C	0.15UF J
C340		CF92FV1H154J	MF-C	0.15UF J
C341		CF92FV1H154J	MYLAR	4.7UF 35WV
C342		CE04LW1V4R7M	ELECTR0	4.7UF 35WV
C343		CE04LW1HR47M	ELECTR0	0.47UF 50WV
C344		CE04LW1V4R7M	ELECTR0	4.7UF 35WV
C345		CE04LW1HR47M	ELECTR0	0.47UF 50WV
C346-347		CF92FV1H104J	MF-C	0.10UF J
C348-349		CE04LW1H010M	ELECTR0	1.0UF 50WV
C350		CE04LW1C221M	ELECTR0	220UF 16WV
C351-354		CE04LW1V100M	ELECTR0	10UF 35WV
C355		CE04LW1C221M	ELECTR0	220UF 16WV
C356		CF92FV1H473J	MF-C	0.047UF J
C357		CF92FV1H223J	MF-C	0.022UF J
C358		CK45FF1H103Z	CERAMIC	0.010UF Z
C359		CK45FF1H103Z	CERAMIC	0.010UF Z
C360-362		CK45FF1H103Z	CERAMIC	0.010UF Z
C363-364		CE04LW1H2R2M	ELECTR0	2.2UF 50WV
C365		CG92FM1H104J	MYLAR	0.10UF J

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M:Other Areas

8:KA-895
9:KA-995

△ indicates safety critical components

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S:Singapore Made
W:Malaysia Made
H:China Made

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
T1		L07-0864-05	POWER TRANSFORMER	KRP
T1		L07-0865-05	POWER TRANSFORMER	MY
T1		L07-0866-05	POWER TRANSFORMER	X
F	18	N30-3008-46	PAN HEAD MACHINE SCREW	
CP1 -2		R90-0888-05	MULTIPLE RESISTOR 0.33K2 5W	
CP4		R90-0888-05	MULTIPLE RESISTOR 0.33K2 5W	
R41 -42		RS14K30561J	FL-PROOF RS 560 J 2W	
R117-118		RD14NB2E211J	RD 220 J 1/4W	
R123-124		RD14NB2E271J	RD 270 J 1/4W	
R125-126		RD14NB2E221J	RD 220 J 1/4W	
R135-138		RD14NB2E220J	RD 220 J 1/4W	
R141-142		RD14NB2E223J	RD 220 J 1/4W	
R145-146		RS14K30100J	FL-PROOF RS 10K 2W	
R155		RD14NB2E151J	RD 150 J 1/4W	
R218		RD14NB2E221J	RD 220 J 1/4W	
R244		RD14NB2E271J	RD 270 J 1/4W	
R246		RD14NB2E221J	RD 220 J 1/4W	
R248		RS14K3A103J	FL-PROOF RS 10K 1W	
R303		RD14NB2E220J	RD 22 J 1/4W	
R304		RD14NB2E220J	RD 22 J 1/4W	
R307-308		RD14NB2E223J	RD 220 J 1/4W	
R309-310		RS14K30100J	FL-PROOF RS 10 J 2W	
R312-313		RD14NB2E100J	RD 100 J 2W	
R314		RD14NB2E101J	RD 100 J 1/4W	
R319-320		RD14NB2E211J	RD 220 J 1/4W	
R321		RD14NB2E151J	RD 150 J 1/4W	
VR1 -2		R12-1616-05	TRIMMING POT.(1K)	
VR1		R12-1616-05	TRIMMING POT.(1K)	
K1		S51-2078-05	MAGNETIC RELAY	
K1		S51-2092-05	MAGNETIC RELAY	
K2		S76-0005-05	MAGNETIC RELAY	
K3		S76-0016-05	MAGNETIC RELAY	
K3		S76-0017-05	MAGNETIC RELAY	
K4		S76-0002-05	MAGNETIC RELAY (POWER)	
S1		S62-0001-05	SLIDE SWITCH (150-/240-/240-)	MY
S2		S31-2322-05	SLIDE SWITCH (150-/240-/240-)	N
S2		S82-0001-05	SLIDE SWITCH (120-/220-/240-)	Y
D1 -4		HSS104A	DIODE	
D1 -4		LS131	DIODE	
D4		HSS104A	DIODE	
D6		LS131	DIODE	
D8		HSS104A	DIODE	
D8		LS131	DIODE	
D9 -10		HSS104	DIODE	
D9 -10		LS133	DIODE	
D13 -14		HSS104	DIODE	
D13 -14		LS133	DIODE	
D15		HZS15N(B2)	ZENER DIODE	

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Q52		25B1375	TRANSISTOR	
		KA-895/995 CONTROL UNIT (X11-3560-1X:CHINA MADE/X11-3500-1X: SINGAPORE LED (RED))		
D317		B30-2461-05	TRANSISTOR	
C1 -2		CC45FSL1H331J	CERAMIC	J
C3 -4		CE04LW1V100M	ELECTR0	35WV
C5 -6		CC45FSL1H221J	CERAMIC	220PF J
C7 -8		CE04LW1A101M	ELECTR0	100UF 10WV
C9 -10		CC45FSL1H221J	CERAMIC	220PF J
C11 -12		CG92FM1H332J	MYLAR	J
C13 -14		CF92FV1H123J	MF-C	0.012UF J
C15 -16		CE04LW1V100M	ELECTR0	10UF 35WV
C17 -18		CE04LW1V220M	ELECTR0	22UF 35WV
C37 -38		CE04LW1V100M	ELECTR0	10UF 35WV
C39 -40		CE04LW1H2R2M	ELECTR0	2.2UF 50WV
C43		CE04LW1V100M	ELECTR0	10UF 35WV
C46 -48		CE04LW1V100M	ELECTR0	10UF 35WV
C51 -52		CE04LW1V100M	ELECTR0	10UF 35WV
C53 -54		CE04LW1V4R7M	ELECTR0	4.7UF 35WV
C55 -56		CE04LW1H2R2M	ELECTR0	2.2UF 50WV
C59 -60		CF92FV1H104J	MF-C	0.10UF J
C61 -62		CE04LW1V4R7M	ELECTR0	4.7UF 35WV
C63 -64		C90-3244-05	ELECTR0	10UF 35WV
C65 -66		CC45FSL1H221J	CERAMIC	220PF J
C67 -68		CF92FV1H563J	MF-C	0.056UF J
C71 -72		CK45FB1H561K	CERAMIC	560PF K
C73 -76		C90-3244-05	ELECTR0	10UF 35WV
C77 -78		CF92FV1H393J	MF-C	0.039UF J
C100		CE04LW1E470M	ELECTR0	47UF 25WV
C101		CG92FM1H104J	MYLAR	0.10UF J
C102-106		CE04LW1E470M	ELECTR0	47UF 25WV
C107-108		CK45FF1H103Z	CERAMIC	0.010UF Z
C109-110		CE04LW1E101M	ELECTR0	100UF 25WV
C111-112		CF92FV1H104J	MF-C	0.10UF J
C113-118		CE04LW1E470M	ELECTR0	47UF 25WV
C119-120		C90-3244-05	ELECTR0	10UF 35WV
C151		CC45FSL1H101J	CERAMIC	100PF J
C152-153		CE04LW1A471M	ELECTR0	470UF 10WV
C154		CC45FSL1H101J	CERAMIC	100PF J
C175-176		CE04LW1V4R7M	ELECTR0	4.7UF 35WV
C177-178		CE04LW1H2R2M	ELECTR0	2.2UF 50WV
C179-180		CE04LW1E470M	ELECTR0	4.7UF 35WV
C201		C90-3244-05	ELECTR0	0.047UF 5.5WV
C201	*	C90-3567-05	ELECTR0	0.047UF 5.5WV
C202		C90-3222-05	ELECTR0	100UF 10WV
C203		C90-3253-05	ELECTR0	1UF 50WV
C204		CK45FF1H103Z	CERAMIC	0.010UF Z
C205-206		CF92FV1H104J	MF-C	0.10UF J
C207-208		C91-0749-05	CERAMIC	220PF K
C209		CK45FB1H102K	CERAMIC	1000PF K
C210-212		CC45FSL1H101J	CERAMIC	100PF J
C213		CC45FSL1H221J	CERAMIC	220PF J
C214		CK45FSL1H02K	CERAMIC	1000PF K
C215		CC45FSL1H221J	CERAMIC	220PF J

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Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
C366			CK45FF1H103Z	CERAMIC 0.010UF Z	(S/W)	
J1			E63-0047-15	PHONO JACK(6P) TAPE/ADAPTOR IN	(S/W)	H
J2			E63-0139-05	PHONO JACK(6P) TAPE/ADAPTOR IN	(S/W)	
J3			E63-0070-15	PHONO JACK(6P) V1/V2/ADPT OUT	(S/W)	H
J4			E63-0141-05	PHONO JACK(6P) V1/V2/ADPT OUT	(S/W)	
J5			E63-0046-15	PHONO JACK(4P) TUNER/CD	(S/W)	H
J6			E63-0136-05	PHONO JACK(4P) TUNER/CD	(S/W)	H
J7			E63-0068-15	PHONO JACK(2P) PHONO	(S/W)	
J8			E63-0133-05	PHONO JACK(2P) PHONO	(S/W)	H
J9			E11-0188-05	PHONO JACK(2P) PHONO	(S/W)	
J10			E63-0067-15	PHONO JACK(4P) MONITOR OUT	(S/W)	9
J11			E63-0138-05	PHONO JACK(4P) MONITOR OUT	(H)	9
J12			L78-0294-05	REGULATOR (10.000M)		
J13			L78-0290-05	REGULATOR (8MHZ)		
J14			R90-0816-05	MULTI-COMP 47K X7		
J15			R90-0487-05	MULTI-COMP 47KX4 J 1/6W		
J16			R014NB2E681J	RD 680 J 1/4W		
J17			R514KB30220J	FL-PROOF RS 22 J 2W		
J18			RN14BK2C3902F	RN 39.0K F 1/6W		
J19			R10-5076-05	POTENTIOMETER(100K X2)		
J20			S40-1064-05	PUSH SWITCH		
J21			T99-0547-05	SPEED DETECTOR(INPUT SELECTOR)		
J22			T99-0546-05	SPEED DETECTOR(VOLUME CONTROL)		
J23			H5S104	DIODE		9
J24			H5S113	DIODE		9
J25			H5S104	DIODE		
J26			H5S133	DIODE		
J27			H5S104	DIODE		
J28			H5S133	DIODE		
J29			H5S104	DIODE		
J30			H5S133	DIODE		
J31			H5S104	DIODE		
J32			H5S133	DIODE		
J33			H5S104	DIODE		
J34			H5S133	DIODE		
J35			H5S104	DIODE		
J36			H5S133	DIODE		
J37			H5S104	DIODE		
J38			H5S133	DIODE		
J39			H5S104	DIODE		
J40			H5S133	DIODE		
J41			H5S104	DIODE		
J42			H5S133	DIODE		
J43			H5S104	DIODE		
J44			H5S133	DIODE		
J45			H5S104	DIODE		
J46			H5S133	DIODE		
J47			H5S104	DIODE		
J48			H5S133	DIODE		
J49			H5S104	DIODE		
J50			H5S133	DIODE		
J51			H5S104	DIODE		
J52			H5S133	DIODE		
J53			H5S104	DIODE		
J54			H5S133	DIODE		
J55			H5S104	DIODE		
J56			H5S133	DIODE		
J57			H5S104	DIODE		
J58			H5S133	DIODE		
J59			H5S104	DIODE		
J60			H5S133	DIODE		
J61			H5S104	DIODE		
J62			H5S133	DIODE		
J63			H5S104	DIODE		
J64			H5S133	DIODE		
J65			H5S104	DIODE		
J66			H5S133	DIODE		
J67			H5S104	DIODE		
J68			H5S133	DIODE		
J69			H5S104	DIODE		
J70			H5S133	DIODE		
J71			H5S104	DIODE		
J72			H5S133	DIODE		
J73			H5S104	DIODE		
J74			H5S133	DIODE		
J75			H5S104	DIODE		
J76			H5S133	DIODE		
J77			H5S104	DIODE		
J78			H5S133	DIODE		
J79			H5S104	DIODE		
J80			H5S133	DIODE		
J81			H5S104	DIODE		
J82			H5S133	DIODE		
J83			H5S104	DIODE		
J84			H5S133	DIODE		
J85			H5S104	DIODE		
J86			H5S133	DIODE		
J87			H5S104	DIODE		
J88			H5S133	DIODE		
J89			H5S104	DIODE		
J90			H5S133	DIODE		
J91			H5S104	DIODE		
J92			H5S133	DIODE		
J93			H5S104	DIODE		
J94			H5S133	DIODE		
J95			H5S104	DIODE		
J96			H5S133	DIODE		
J97			H5S104	DIODE		
J98			H5S133	DIODE		
J99			H5S104	DIODE		
J100			H5S133	DIODE		

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Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
IC8			NJM4580L	IC(OP AMP X2)		
IC9			TC9213P	IC(2CH ELECTRONIC VOLUME)		
IC10			TC9213P	IC(OP AMP X2)		
IC11			TC9213P	IC(ANALOG SWITCH X 6)		
IC12			NJM2279D	IC(VIDEO IC)		9
IC13			NJU713AL	ANALOGUE IC		
IC14			TC916AN	IC(16CH BILATERAL SELECTOR SW)		
IC15			LA2785	IC(DOLBY PRO LOGIC DECODER IC)		
IC16			LV1010N	DI BI-POLAR IC		
IC17			TC9212P	IC(ELECTRICAL VOLUME)		
IC18			TC9215P	IC(ANALOG SWITCH X 6)		
IC19			CP892320-162Q	MI-COM IC		
IC20			S-80740AL	IC(VOLTAGE DETECTOR)		
Q1	-4		25C1740S(Q,R)	IC(ANALOG SWITCH X 6)		
Q1	-4		25C2785(F,B)	TRANSISTOR		
Q5			25C2012	TRANSISTOR		
Q5			25C2061(E,F)	TRANSISTOR		
A1			W02-1046-05	ELECTRIC CIRCUIT MODULE		
A1			W02-1174-05	ELECTRIC CIRCUIT MODULE		
A1			W02-1188-05	ELECTRIC CIRCUIT MODULE		

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KA-895/995

PARTS LIST

KA-895/995

SPECIFICATIONS

KA-895

For the U.S.A. and Canada

Rated power output (FTC)
STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

SURROUND MODE

Front

70 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Center

70 watts at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion
.....0.06 % (20 Hz ~ 20,000 Hz, 50 W, 8 Ω)
.....0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response
LINE (CD, TAPE, VIDEO) ..20 Hz ~ 60 kHz, +0 dB, -3 dB
PHONO"RIAA"response20 Hz ~ 20 kHz, ±0.5 dB
Maximum input level

PHONO (MM)120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66)
PHONO (MM)75 dB
LINE (CD, TAPE, VIDEO)95 dB

Input sensitivity / impedance
PHONO (MM)3.5 mV / 47 kΩ
LINE (CD, TAPE, VIDEO).....200 mV /47 kΩ
ADAPTOR IN200 mV /47 kΩ

Tone control
BASS±10 dB (at 100Hz)
TREBLE±10 dB (at 10 kHz)

Loudness control
(VOLUME at -30 dB level)+8 dB (100 Hz)

Output level / impedance
TAPE REC200 mV / 1 kΩ
ADAPTOR OUT200 mV / 1 kΩ

General

Power consumption2.5 A
.....250 W

AC outlets
SWITCHED2 (400 W max.)

Dimensions.....W : 440 mm (17-5/16")
.....H : 143 mm (5-5/8")
.....D : 300 mm (11 13/16")

Weight (Net)9.3 kg (20.5 lb)

KA-895/995

KA-

For other countries

Rated power output
STEREO MODE

(IHF'66) From 20 Hz ~ 20,000 Hz, 0.09 % T.H.D.
at 8 Ω100 W + 100 W

(EIAJ) 1 kHz, 10 % T.H.D. at 8 Ω150 W + 150 W

SURROUND MODE

1 kHz, 0.9 % T.H.D. at 8 Ω

FRONT70 W + 70 W

CENTER70 W

REAR20 W + 20 W

Total harmonic distortion
.....0.06 % (20 Hz ~ 20,000 Hz, 50 W, 8 Ω)
.....0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response
LINE (CD, TAPE, VIDEO) ..20 Hz ~ 60 kHz, +0 dB, -3 dB
PHONO"RIAA" response20 Hz ~ 20 kHz, ±0.5 dB
Maximum input level

PHONO (MM)120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66)
PHONO (MM)75 dB
LINE (CD, TAPE, VIDEO)95 dB

Input sensitivity / impedance
PHONO (MM)3.5 mV / 47 kΩ
LINE (CD, TAPE, VIDEO).....200 mV /47 kΩ
ADAPTOR IN200 mV /47 kΩ

Tone control
BASS±10 dB (at 100Hz)
TREBLE±10 dB (at 10 kHz)

Loudness control
(VOLUME at -30 dB level)+8 dB (100 Hz)

Output level / impedance
TAPE REC200 mV / 1 kΩ
ADAPTOR OUT200 mV / 1 kΩ

General

Power consumption250 W
AC outlets

SWITCHED (300 W max.)

DimensionsW : 440 mm
.....H : 143 mm
.....D : 300 mm

Weight (Net)9.3 kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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KA-895/995

SPECIFICATIONS

KA-895

For the U.S.A. and Canada

Rated power output (FTC)
STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

SURROUND MODE

Front

70 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Center

70 watts at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion
.....0.06 % (20 Hz ~ 20,000 Hz, 50 W, 8 Ω)
.....0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response
LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB
PHONO"RIAA"response20 Hz ~ 20 kHz, ±0.5 dB
Maximum input level
PHONO (MM).....120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66)
PHONO (MM).....75 dB
LINE (CD, TAPE, VIDEO)95 dB

Input sensitivity / impedance
PHONO (MM).....3.5 mV / 47 kΩ
LINE (CD, TAPE, VIDEO).....200 mV /47 kΩ
ADAPTOR IN.....200 mV /47 kΩ

Tone control
BASS±10 dB (at 100Hz)
TREBLE±10 dB (at 10 kHz)

Loudness control
(VOLUME at -30 dB level)+8 dB (100 Hz)

Output level / impedance
TAPE REC200 mV / 1 kΩ
ADAPTOR OUT200 mV / 1 kΩ

General

Power consumption2.5 A
.....250 W

AC outlets
1 SWITCHED2 (400 W max.)

Dimensions.....W : 440 mm (17-5/16")
.....H : 143 mm (5-5/8")
.....D : 300 mm (11 13/16")

Weight (Net)9.3 kg (20.5 lb)

KA-895/995

For other countries

Rated power output
STEREO MODE
(IHF'66) From 20 Hz ~ 20,000 Hz, 0.09 % T.H.D.
at 8 Ω100 W + 100 W

(EIAJ) 1 kHz, 10 % T.H.D. at 8 Ω150 W + 150 W
SURROUND MODE
1 kHz, 0.9 % T.H.D. at 8 Ω
FRONT.....70 W + 70 W
CENTER.....70 W
REAR.....20 W + 20 W

Total harmonic distortion
.....0.06 % (20 Hz ~ 20,000 Hz, 50 W, 8 Ω)
.....0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response
LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB
PHONO"RIAA" response20 Hz ~ 20 kHz, ±0.5 dB
Maximum input level
PHONO (MM).....120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66)
PHONO (MM).....75 dB
LINE (CD, TAPE, VIDEO)95 dB

Input sensitivity / impedance
PHONO (MM).....3.5 mV / 47 kΩ
LINE (CD, TAPE, VIDEO).....200 mV /47 kΩ
ADAPTOR IN.....200 mV /47 kΩ

Tone control
BASS±10 dB (at 100Hz)
TREBLE±10 dB (at 10 kHz)

Loudness control
(VOLUME at -30 dB level)+8 dB (100 Hz)

Output level / impedance
TAPE REC200 mV / 1 kΩ
ADAPTOR OUT200 mV / 1 kΩ

General

Power consumption250 W
AC outlets

SWITCHED(300 W max.)
DimensionsW : 440 mm

H : 143 mm
D : 300 mm

Weight (Net)9.3 kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KA-895/995

KA-995

For the U.S.A. and Canada

AUDIO section

Rated power output (FTC)
STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

SURROUND MODE

Front

100 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion
.....0.06 % (20 Hz ~ 20,000 Hz, 50 W, 8 Ω)
.....0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response
LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB
PHONO"RIAA" response20 Hz ~ 20 kHz, ±0.5 dB
Maximum input level
PHONO (MM).....120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66)
PHONO (MM).....75 dB
LINE (CD, TAPE, VIDEO)95 dB

Input sensitivity / impedance
PHONO (MM)3.5 mV / 47 kΩ
LINE (CD, TAPE, VIDEO).....200 mV /47 kΩ
ADAPTOR IN.....200 mV /47 kΩ

Tone control
BASS±10 dB (at 100Hz)
TREBLE±10 dB (at 10 kHz)

Loudness control
(VOLUME at -30 dB level)+8 dB (100 Hz)

Output level / impedance
TAPE REC200 mV / 1 kΩ
ADAPTOR OUT200 mV / 1 kΩ

VIDEO section

Input level / impedance
VIDEO (composite)1V p-p / 75 Ω
Input (VIDEO 1, VIDEO 2)
Output level / impedance
VIDEO (composite)1V p-p / 75 Ω
Output (VIDEO 1, MONITOR OUT)

General

Power consumption2.3 A
AC outletsSWITCHED 2 (400 W max.)

Dimensions.....W : 440 mm (17-5/16")
.....H : 143 mm (5-5/8")
.....D : 300 mm (11 13/16")

Weight (Net)9.3 kg (20.5 lb)

SPECIFICATIONS

For other countries

AUDIO section

Rated power output
STEREO MODE
(IHF'66) From 20 Hz ~ 20,000 Hz, 0.09 % T.H.D.
at 8 Ω100 W + 100 W

(EIAJ) 1 kHz, 10 % T.H.D. at 8 Ω150 W + 150 W
SURROUND MODE
1 kHz, 0.9 % T.H.D. at 8 Ω
FRONT.....100 W + 100 W
REAR.....20 W + 20 W

Total harmonic distortion
.....0.06 % (20 Hz ~ 20,000 Hz, 50 W, 8 Ω)
.....0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response
LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB
PHONO"RIAA"response20 Hz ~ 20 kHz, ±0.5 dB
Maximum input level
PHONO (MM)120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66)
PHONO (MM)75 dB
LINE (CD, TAPE, VIDEO)95 dB

Input sensitivity / impedance
PHONO (MM)3.5 mV / 47 kΩ
LINE (CD, TAPE, VIDEO).....200 mV /47 kΩ
ADAPTOR IN.....200 mV /47 kΩ

Tone control
BASS±10 dB (at 100Hz)
TREBLE±10 dB (at 10 kHz)

Loudness control
(VOLUME at -30 dB level)+8 dB (100 Hz)

Output level / impedance
TAPE REC200 mV / 1 kΩ
ADAPTOR OUT200 mV / 1 kΩ

VIDEO section

Input level / impedance
VIDEO (composite)1V p-p / 75 Ω
Input (VIDEO 1, VIDEO 2)
Output level / impedance
VIDEO (composite)1V p-p / 75 Ω
Output (VIDEO 1, MONITOR OUT)

General

Power consumption210 W
AC outletsSWITCHED 2 (300 W max.)

DimensionsW : 440 mm
.....H : 143 mm
.....D : 300 mm

Weight (Net)9.3 kg

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Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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